FITZPATRICK, CELLA, HARPER & SCINTO

1900 K STREET, N.W.
WASHINGTON, D.C. 20006-1110
(202) 530-1010

Facsimile:(202) 530-1055

RECEIVED
CENTRAL FAX CENTER
JUL 11 2005

FACSIMILE COVER SHEET

TO:	Examiner Kim T. Huynh Group Art Unit 2112 U.S. Patent and Trademark Office
FROM:	Jack S. Cubert
RE:	Appln. No.: 09/490,448 Filed Date: January 24, 2000 Applicant: Atsushi Nakamura Atty. Docket No.: 00862.021795
FAX NO.:	(571) 273-8300
DATE:	July 11, 2005 **NO. OF PAGES:** 6 *(including cover page)*
TIME:	**SENT BY:**

MESSAGE

IF YOU DO NOT RECEIVE ALL THE PAGES
PLEASE CALL 202-530-1010 AS SOON AS POSSIBLE.

Note: We are transmitting from a Canon Model FAX-L770 (compatible with any Group I, Group II or Group III machine).

THIS FACSIMILE MESSAGE AND ACCOMPANYING DOCUMENTS ARE INTENDED ONLY FOR THE USE OF THE ADDRESSEE INDICATED ABOVE. INFORMATION THAT IS PRIVILEGED OR OTHERWISE CONFIDENTIAL MAY BE CONTAINED THEREIN. IF YOU ARE NOT THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, REVIEW OR USE OF THIS MESSAGE, DOCUMENTS OR INFORMATION CONTAINED THEREIN IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS MESSAGE IN ERROR, PLEASE NOTIFY US IMMEDIATELY BY TELEPHONE OR FACSIMILE AND MAIL THE ORIGINAL TO US AT THE ABOVE ADDRESS. THANK YOU.
DC_MAIN 209025v1

Applicant Initiated Interview Request Form

Application No.: 09/490,448 / First Named Applicant: Atsushi Nakamura
Examiner: Kim T. Huynh Art Unit: 2112 Status of Application: Final Action issued June 21, 2005

RECEIVED
CENTRAL FAX CENTER
JUL 11 2005

Tentative Participants:
(1) Applicants' Atty Jack S. Cubert (202-530-1010) (2) Examiner

(3) _____ (4)

Proposed Date of Interview: _____ **Proposed Time:** _____ **(AM/PM)**

Type of Interview Requested:
(1) [ ] Telephonic (2) [X] Personal (3) [ ] Video Conference

Exhibit To Be Shown or Demonstrated: [ ] YES [X] NO
If yes, provide brief description:

Issues To Be Discussed

Issues (Rej., Obj., etc)	Claims/ Fig. #s	Prior Art	Discussed	Agreed	Not Agreed
(1) disclosed Invention	Figs. 28, 33	_____	[ ]	[ ]	[ ]
(2) Rejection	1, 18, 21, 42	JP 9-282263	[ ]	[ ]	[ ]
(3) Rejection	8, 19, 22, 45	JP 9-282263	[ ]	[ ]	[ ]
(4) _____	_____	_____	[ ]	[ ]	[ ]

[X] Continuation Sheet Attached

Brief Description of Arguments to be Presented:
See continuation sheets 1-4

An interview was conducted on the above-identified application on _____.

NOTE:
This form should be completed by applicant and submitted to the examiner in advance of the interview (see MPEP § 713.01).
This application will not be delayed from issue because of applicant's failure to submit a written record of this interview. Therefore, applicant is advised to file a statement of the substance of this interview (37 CFR 1.133(b)) as soon as possible.

Jack S Cubert
(Applicant/Applicant's Representative Signature) (Examiner/SPE Signature)

This collection of information is required by 37 CFR 1.133. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Form #208

Continuation Sheet - 1

1. Disclosed Invention

It is a feature of Claim 1 that a memory in an information processing system stores information of a device mountable on the information processing system but not mounted thereon in a memory area from which an external device can read the information about the device mountable but not mounted using a read command for a specified memory address. Claims 18, 21 and 42 have corresponding memory or storage features. With respect to this feature, it is disclosed at least from line 2 of page 50 to line 13 of page 51 in the specification with respect to Fig. 33 that a connected 1394 device (an ink jet printer) has a set of optional devices (i.e., a print head HC100, scan head SC100, color cartridge CIJ10, mono cartridge MIJ10, A4 sheet feeder ASF-A4 and A3 sheet reader ASF-A3) that are mountable on the ink jet printer (e.g., illustrated in Fig. 28). Information of these optional mountable devices is stored as data. Of these mountable devices only print head HC100, color cartridge CIJ10 and A3 sheet reader ASF-A3 are mounted on the ink jet printer as indicated by key 01. The scan head SC100, the mono cartridge MIJ10 and the A4 sheet feeder ASF-A4 are mountable but not mounted as indicated by the key 02. Accordingly, information about optional devices already mounted is provided as part of the device arrangement and information about optional devices that are mountable but not mounted is provided as non-mounted information. Advantageously, option information of each device can be obtained so that no database is required.

It is a feature of Claims 8, 19, 22 and 45 that an acquisition unit acquires information about a device that is mountable but not mounted on an external device from a memory area of the external device. With respect to this feature, it is shown in Fig. 35 of the drawings and disclosed at least at lines 6-12 of page 53 in the specification that a computer reads out information indicative of optional devices mountable on a printer and displays the information. It is shown in Fig. 34 that information of both optional mountable devices (e.g., print heads, scanner heads, ink cartridges, sheet feeders) that are mounted on the printer and optional mountable devices not mounted on the printer are displayed.

Continuation Sheet -2

2 & 3. Rejections

The Iijima et al. reference (Tokkaihei 282263) discloses a system in which plural electronic devices are connected to a communication control bus and communicate control and information signals with each other. Iijima et al. may teach a system in which a PC inquires of the other devices of the system about node unique IDs and creates a correspondence table of node ids and node unique IDs and a further correspondence table of node ids and device categories (e.g., VTR, CAM). The PC stores the two correspondence tables and displays a system configuration. When a device is added to the system, new information of the added node obtained by inquiry is stored. The PC then displays category units as well as changed system configuration.

In contrast to Iijima et al.'s providing only category unit information of a VTR of a CAM connected to a PC, the present invention provides information about a print head, ink supply or sheet feeder that is mountable but not mounted on an ink jet printer. As a result, Iijima et al. is restricted to storing information of unique node IDs and device categories (VTR, CAM) of devices from which a correspondence table of node IDs and unique node IDs and a correspondence table of unique node IDs and category units are displayed. In order for the category unit information of a device to be included in the display, the device must be connected to the system. Accordingly, Iijima et al.'s structure only provides unique node ID and category unit information about a device that is connected to a system but fails in any way to teach or suggest storing information about a device that is mountable but not mounted on an information processing apparatus which information can be read out by an external device using a memory address specifying read command as in Claims 1, 18, 21 and 42.

Continuation Sheet 3

It is a further feature of Claims 1, 18, 21 and 42 and a feature of Claims 8, 19, 22 and 45 that the information processing apparatus mountable but not mounted device has an attachable part for attachment to the information processing apparatus and a function assist part that assists a function of the information processing apparatus. Iijima et al. only discloses a system in which VTRs and CAMs and a PC are connected together in a network. Each of the CAMS and VTRs performs its own separate function that is initiated by the PC. In contrast, the mountable but not mounted device of Claims 1, 18, 21 and 42 (e.g., optional print head, color ink supply and/or sheet feeder) is attached to and assists the function of the information processing system (e.g., a connected ink jet printer device) and a user is provided with information of the different device options that are available. Accordingly, it is not seen that Iijima et al.'s CAM or VTR which perform their own functions in any manner assist the computing and control functions of the PC as the ink supply or sheet feeder devices that are mountable but not mounted on a printer have attachment parts and parts that assist in the functioning of the printer.

It is a feature of Claims 8, 19, 22 and 45 that an acquisition unit is configured to acquire information about a device that is mountable but not mounted on an external device from a memory area of the external device by using a read command sent from a communication controller to the external device specifying a memory address. Iijima et al. may teach (0028) with respect to Fig. 13 that a PC searches a correspondence table of node unique IDs for and finds a device of which a node unique ID structure is not known. Using a response from the device, the PC creates a correspondence table of the node ID and the category information. The PC then displays the category units as well as the system configuration. Only devices connected to the system are in the correspondence tables and only the device category units are displayed. There is, however, no disclosure in Iijima et al. concerning optional devices mountable but not mounted on the connected devices. Accordingly, Iijima et al. fails in any manner to suggest the

Continuation Sheet -4

feature of acquiring information of a device that is mountable but not mounted on an external device from a memory area of the external device as in Claims 8, 19, 22 and 45.